

Mineral Industry Surveys

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GYPSUM IN APRIL 2003

Producers mined 1.34 million metric tons (Mt) of gypsum in April 2003 (table 1). Output was 33% more than that of March 2003 and 7% less than that of April 2002. Synthetic gypsum production was 663,000 metric tons (t) in April 2003 (table 1), which was slightly less than that of March 2003 and 28% more than that of April 2002. Both mined and synthetic gypsum are used as raw material for wallboard. During January through March 2003, synthetic gypsum accounted for 1.98 Mt, or about 26% of the 7.54 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 463,000 t (table 2), 2% less than that of March 2003, and 19% less than that of April 2002.

Output of calcined gypsum (table 1) was 1.77 Mt, about 6% more than that of March 2003, and 25% less than that of April

2002. Sales of board products were about 2.6 billion square feet (243 million square meters), 6% more than that of March 2003, and 3% less than that of April 2002.

Import and export data for April 2003 were not available at the time of publication. Imports of crude gypsum in March 2003 were 668,000 t (table 3), 40% more than that of February 2003, and 10% less than that of March 2002. Gypsum wallboard imports, principally from Canada, for March 2003 were 31,000 t, equivalent to 37 million square feet (3.5 million square meters). These imports were 11% more than that of February 2003, and 34% less than those of March 2002. Wallboard exports to 22 countries and territories in March 2003 were 3,400 t, equivalent to 3.7 million square feet (345,000 square meters). These exports were 19% less than those of February 2003, and 48% less than those of March 2002.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2003			2002
	April	March	January-April	January-April
Crude:				
Mined ³	1,340,000	1,010,000	5,250,000	5,410,000
Imported ⁴	NA	668,000	NA	2,570,000
Exported ⁴	NA	11,700	NA	86,600
Synthetic gypsum ⁵	663,000	666,000	2,650,000	1,800,000
Total supply	NA	2,670,000	NA	9,690,000
Calcined:				
Produced	1,770,000	1,680,000	6,890,000	7,470,000
Imported ⁶	NA	690	NA	5,620
Exported ⁶	NA	10,100	NA	96,400
Total supply	NA	1,660,000	NA	7,400,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported supply only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2003			2002
	April	March	January-April	January-April
Uncalcined: ³				
Portland cement	262,000	276,000	1,080,000	1,070,000
Agriculture and miscellaneous	201,000	195,000	831,000	883,000
Total	463,000	471,000	1,910,000	1,950,000
Calcined:				
Board products ⁴	2,180,000	2,070,000	8,530,000	8,650,000
Plaster	30,100	27,800	112,000	131,000
Total	2,210,000	2,090,000	8,640,000	8,780,000
Board products: (Thousand square feet) ⁵				
Regular board	1,570,000	1,500,000	6,200,000	6,120,000
Type X board	805,000	755,000	3,090,000	3,200,000
Other	249,000	227,000	944,000	1,060,000
Total supply	2,620,000	2,480,000	10,200,000	10,400,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2003			2002
	March	February	January-March	January-March
Argentina	--	18	18	--
Austria	14	--	14	--
Canada	389,000	295,000	1,060,000	1,300,000
Dominican Republic	26,000	12,500	38,500	--
Guatemala	--	22 ^r	22 ^r	--
Korea, Republic of	--	--	--	54
Mexico	143,000	144,000	388,000	455,000
Spain	109,000	26,300	220,000	209,000
Sweden	--	--	2	--
United Kingdom	18	--	18	41
Total	668,000	478,000	1,700,000	1,960,000

^rRevised. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2002:				
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	2,020	1,470	569	18
November	1,970	1,250	730	13
December	1,740	1,210	548	15
January-December	23,300	15,700	7,970	343
2003:				
January	2,090	1,550	555	16
February	1,810	1,340	478	16
March	1,670	1,010	668	12
April	NA	1,350	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1, 2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2003:											
April:											
Lath	8	57	6	--	5	49	--	--	72	--	196
Veneer base	24,000	2,690	9	560	7,170	6,740	176	614	2,030	--	44,000
Sheathing	1,310	3,760	2,470	4,210	10,500	4,400	10,700	5,960	9,690	725	53,800
Regular gypsum board	41,800	143,000	107,000	98,600	412,000	205,000	199,000	151,000	187,000	21,700	1,570,000
Type X gypsum board	24,000	82,900	27,100	63,300	124,000	118,000	84,700	96,300	176,000	7,920	805,000
Predecorated board	349	646	332	485	1,060	1,040	874	351	817	42	5,990
5/16 Mobile home board	--	1,220	14,400	6	10,100	6,020	6,360	1,200	715	36	40,100
Water/moisture resistant board	4,850	18,600	3,980	5,570	21,700	14,000	10,500	8,290	14,700	2,710	105,000
Total	96,400	253,000	155,000	173,000	587,000	355,000	313,000	263,000	392,000	33,100	2,620,000
January-April:											
Lath	16	97	6	--	38	103	--	--	228	--	489
Veneer base	82,900	10,900	59	3,570	33,400	29,900	481	1,530	6,690	67	169,000
Sheathing	4,190	12,400	7,910	18,600	38,300	14,400	35,300	21,200	34,700	3,110	190,000
Regular gypsum board	158,000	540,000	411,000	432,000	1,670,000	858,000	758,000	570,000	711,000	84,500	6,200,000
Type X gypsum board	90,700	307,000	104,000	267,000	486,000	468,000	334,000	370,000	639,000	29,400	3,090,000
Predecorated board	1,490	2,240	1,470	2,100	4,240	3,750	3,280	1,560	2,770	435	23,300
5/16 Mobile home board	--	4,300	54,700	22	40,900	21,500	24,800	5,360	4,060	147	156,000
Water/moisture resistant board	17,900	68,500	15,800	24,200	84,600	56,400	41,000	32,300	54,300	10,200	405,000
Total	356,000	945,000	594,000	747,000	2,360,000	1,450,000	1,200,000	1,000,000	1,450,000	128,000	10,200,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.